APPENDIX A

1. (amended) In a wireless communication system, an apparatus for scheduling forward link transmissions, comprising:

a memory element; and

a processing element configured to execute a set of instructions stored on the memory element, the set of instructions for:

receiving a full channel quality value and a plurality of incremental channel quality values from a remote station, wherein the plurality of incremental channel quality values are received sequentially; [and]

selectively updating a register with a channel quality estimate, wherein the channel quality estimate is based upon the full channel quality value and the plurality of incremental channel quality values; and

scheduling forward link transmissions in accordance with the updated register.

16. (amended) A method for transmitting channel information from a remote station to a base station, comprising:

generating a full channel quality value; [and]

generating an incremental channel quality value[, wherein the incremental channel quality value is multiplexed with the full channel quality value]:

multiplexing the incremental channel quality value with the full channel quality value to form channel information; and

transmitting channel information from the remote station to the base station.

21. (amended) Apparatus for transmitting channel information from a remote station to a base station, comprising:

means for generating a full channel quality value; [and]

means for generating an incremental channel quality value[, wherein the incremental channel quality value is multiplexed with the full channel quality value];

means for multiplexing the incremental channel quality value with the full channel quality value to form channel information; and

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means for transmitting channel information from the remote station to the base station.

23. (NEW) A method for interpreting channel information over a predetermined duration, wherein the channel information includes a full channel quality indicator value and a plurality of incremental channel quality values, the method comprising:

if the full channel quality indicator is a threshold value and if the plurality of incremental channel quality values are equal-valued over the predetermined duration, then ignoring the plurality of incremental channel quality values.

- 24. (NEW) The method of Claim 23, wherein the threshold value is a maximum value of a quantization scheme.
- 25. (NEW) The method of Claim 24, wherein the plurality of incremental channel quality values are all "up" bits.
- 26. (NEW) The method of Claim 23, wherein the threshold value is a minimum value of a quantization scheme.
- 27. (NEW) The method of Claim 26, wherein the plurality of incremental quality values are all "down" bits.